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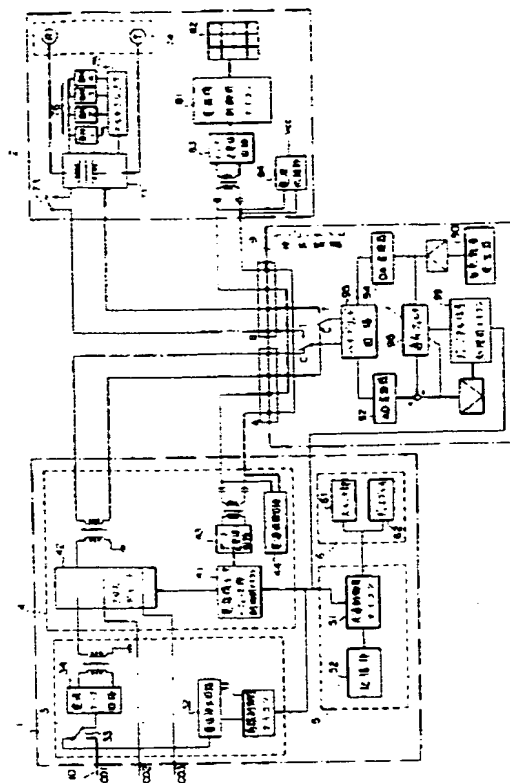
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APPLICANT : MATSUSHITA ELECTRIC IND CO LTD;

INVENTOR : KURITA YOSHIMI;

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TITLE : KEY TELEPHONE SYSTEM



ABSTRACT : **PURPOSE:** To attain the talking with the best side tone state by using an impedance detector at the installation of a key telephone system so as to measure the condition of each trunk line and each balanced circuit network in advance and storing the values into a storage section of a master device so as to select a balanced circuit network most suited to the condition of the trunk line automatically.

CONSTITUTION: The impedance detector 9 is connected to a master set 1 and a key telephone set 2 at the installation of the key telephone system, the condition of the line of each trunk line and each balanced circuit network of the key telephone set 2 are measured in advance and the values are numelized stored in a storage section 52. When all the measurements are finished in this way, the power supply is turned on again and an optional trunk line is selected by the key telephone set 2. The storage section 52 selects a balanced circuit network having a tap closest to the stored tap as to the trunk line automatically. The information is sent to a telephone set control microcomputer 81 and the corresponding balanced circuit network in the balanced circuit network group 76 is connected, then the talking is attained by the best side tone state.

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